Curriculum Overview for Year 6 ~ Summer Term 2017 (Islands and Independence)

desian

English

Reading

- Apply knowledge of root words, prefixes and suffixes, to understand the meaning of new words.
- Maintain positive attitudes to reading by: reading and discussing a wide range of texts;
- o recommending books to peers, giving reasons for choices:
- conventions.
- Understand what is read by:
- o asking questions:

impact on the reader.

Consolidation of autumn

Ratio and Proportion

Science Working &

questions, recognising and

• Take measurements, using a

displays and other presentations.

• Plan different types of

arguments.

and spring term

objectives.

solving.

- drawing inferences and justifying with evidence; o summarising the main ideas, identifying key details;
- o identifying how language, structure and presentation contribute to meaning.
- Discuss and evaluate how authors use language, including figurative language, considering the

Reading and writing in a range of fiction and non-fiction genres linked to our class reader, Kensuke's Kingdom.

Spelling and Writing

- Use a wide range of prefixes and suffixes accurately.
- Spell words with 'silent' letters. • Distinguish between homophones and other words
- which are often confused. o identifying, discussing and comparing themes and • Confidently use a dictionary and thesaurus.
 - Identify the audience for, and purpose of, writing, selecting the appropriate form.
 - Note and develop initial ideas.
 - Describe settings, characters and atmosphere and integrate dialogue to convey character and advance
 - the action. • Build cohesion within and across paragraphs.
 - Ensure the consistent and correct use of tense
 - throughout a piece of writing.
 - Proof-read for spelling and punctuation errors.

- Vocabulary, Grammar and Punctuation • Recognise vocabulary and structures that are appropriate for formal speech and writing.
- Use passive verbs to affect the presentation of information in a sentence.
- Use expanded noun phrases to convey complicated information concisely.
- Use modal verbs (e.g. would, might,

Geometry - Properties of Shape

quadrilaterals, and regular polygons.

the diameter is twice the radius.

on a straight line, or are vertically

opposite, and find missing angles.

angles.

including making nets.

their properties and sizes.

- can) or adverbs to indicate degrees of possibility. • Use relative clauses beginning with 'who', 'which',
- 'where', 'when', 'whose' and 'that'. • Use a range of higher-level punctuation accurately
- throughout written work (including commas, hyphens, brackets, dashes, semi-colons and colons)

- Ensure correct subject and verb agreement.

Mathematics

- Algebra • Use simple formulae.
- Generate and describe linear number sequences.
- Express missing number problems algebraically.
- with open-ended investigations and problem • Find pairs of numbers that satisfy an equation with

and use these to solve problems.

Geometry - Position and Direction

two unknowns. • Identify possibilities of combinations of two variables

Statistics

Thinking Scientifically

scientific enquiries to answer

- Interpret and construct pie charts and line graphs
- Solve problems involving the calculation of percentages and the use of percentages for comparison.

using multiplication and division facts.

• Solve problems involving the relative sizes of two

quantities where missing values can be found by

Preparation for transition into Year 7

- Solve problems involving similar shapes where the scale factor is known or can be found.
- Solve problems involving unequal sharing and grouping, using knowledge of fractions and multiples

• Record data and results of increasing complexity.

offspring vary and are not identical to their parents.

- Describe positions on the full coordinate grid (all four quadrants). • Draw and translate simple shapes on the
- coordinate plane, & reflect them in the axes.

• Calculate and interpret the mean as an average.

History

- Geography topic focus this term.
- Historical links are made where relevant, e.g. the ancient civilization on Easter Island
- controlling variables if necessary range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate. Physical • Use test results to make predictions to set up further comparative & fair tests. • Report and present findings from enquiries in oral and written forms such as • Enjoy communicating, with others during P.E. • Identify scientific evidence that has been used to support or refute ideas or Develop an understanding of how • Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. defending • Recognise that living things produce offspring of the same kind, but normally • Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. to achieve personal best. Living Things and their Habitats
- Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals.

Evolution and Inheritance

• Give reasons for classifying plants/animals based on specific characteristics

Island artwork using a variety of mediums. **Design & Technology** Geography <u>Design</u> • Use research & develop design criteria to inform the design of products that are Describe and fit for purpose, aimed at particular individuals or groups. Generate, develop, model and communicate ideas. Make • • Select from and use a wider range of tools, equipment, materials & components. Evaluate • Draw 2-D shapes using given dimensions and • Investigate a range of existing products. • Evaluate ideas & products against own design • Recognise, describe and build simple 3-D shapes, criteria. Consider the views of others to make improvements • Compare and classify geometric shapes based on Island Model project. • Find unknown angles in any triangles, • Illustrate and name parts of circles, including radius, diameter and circumference and know that **PSHE &** Citizenship Music • Recognise angles where they meet at a point, are • Play and perform in solo and and playing musical • Relationships and puberty. Growing Up. Independence and secondary school transition preparation. musicians Education • Learn about what collaborating and competing Understand the key prayer, in different to improve in different physical activities & sports, learning how to identify & evaluate success.

Art & Design

experimentation and an increasing awareness of different kinds of art, craft and

Develop techniques, including control and use of materials, with creativity,

• Use sketch books to record observations and to review and revisit ideas.

• Learn about great artists, architects and designers in history.

and sculpture with a range of materials.

• Improve mastery of art and design techniques, including drawing, painting

- Play competitive games and apply basic principles suitable for attacking and
- Develop flexibility, strength, technique, control and balance.
- Compare own performances with previous ones and demonstrate improvement
- Take part in outdoor and adventurous activity challenges.

Athletics, Rounders, Cricket, Tennis.



Computing

• Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

- Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating diaital content
- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify ways to report concerns about content & contact.
- Design, write and debug programs, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.
- Use sequence, selection and repetition in programs; work with variables and various forms of input and output.

 - physical geography, rivers, rock formations and the water cycle.
- understand key aspects of including: climate zones,
 - Describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.
 - Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
 - Use four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.

Study of Easter Island & map skills.

- accuracy, fluency, control and expression.
 - Improvise and compose music for a range of purposes using the inter-related dimensions of music
 - Listen with attention to detail and recall sounds with increasing aural memory.
- Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and
- Use and understand staff and other musical notations.
 - Year 6 end of year production.





ensemble contexts, using voices

instruments with increasing

Education worship means to a believer.

features of worship, including religions.

Identify the importance of community and the responsibilities that religious groups have, living within the wider community.

Languages - French

Develop an understanding of aspects of French culture by investigating Bastille Day, whilst making use of their vocabulary and grammatical knowledge.